

<110> The Chemo-Sero-Therapeutic Research Institute

<130> 661440

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<212> DNA

<213> Babesia caballi

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90

95

100

392

105

110

115

Sub B:

[illegible]

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Phe Phe Asn Lys Glu Ile Arg Asp Pro Ser Lys Ala Leu Lys Glu Lys	
330 335 340	
GTG TCA AAC GAC GCC AAG GAT TTA TTC GAG AAC AAA ATT GGG CAG GGT	1112
Val Ser Asn Asp Ala Lys Asp Leu Phe Glu Asn Lys Ile Gly Gln Gly	
345 350 355	
ACT GTG GAC TTC ATC AAT AAC GAA ATT CGT GAC CCT AGT AAG GCA TTA	1160
Thr Val Asp Phe Ile Asn Asn Glu Ile Arg Asp Pro Ser Lys Ala Leu	
360 365 370	
ATA AGA AAA GTG TCA ACG GGG GCC GAG GAT TTA TTC GAG AAC AAA ATT	1208
Ile Arg Lys Val Ser Thr Gly Ala Glu Asp Leu Phe Glu Asn Lys Ile	
375 380 385 390	
GGG CAG GGT ACT GTG GAC TTC ATC AAT AAC GAA ATT CGT GAC CCT AGT	1256
Gly Gln Gly Thr Val Asp Phe Ile Asn Asn Glu Ile Arg Asp Pro Ser	
395 400 405	
AAG GCA TTA ATA AGA AAA GTG TAC ACC GAG GCC GAT GAT TTA TTC GAG	1304
Lys Ala Leu Ile Arg Lys Val Tyr Thr Glu Ala Asp Asp Leu Phe Glu	
410 415 420	
AAC AAA ATT GGG CAG GGT ACT GTG GAC TTC ATC AAT AAG GAA ATT CGT	1352
Asn Lys Ile Gly Gln Gly Thr Val Asp Phe Ile Asn Lys Glu Ile Arg	
425 430 435	
GAC CCT AGT AAG GCA TTA ATA AGA AAA GTG TCT ACC GAG GCC GAT AAT	1400
Asp Pro Ser Lys Ala Leu Ile Arg Lys Val Ser Thr Glu Ala Asp Asn	
440 445 450	
TTA TTG GAG AAA TAGGTTGCGA AGCCCCTGAG GAAGCACCGC AAGGGCAACG TTAGT	1457
Leu Leu Glu Lys	
455	
GACAGCGGGG AATCTGAGGA AATTTCGGCT GTGGGTGAAT CTTTGGAAATC CGACAACGAA	1517
ATGAAGACCC AGGAGTCAAT GAACTCGGAG AGTGCTTCTA CCGAACTCCC TTCTGAGGAG	1577
TCCGAGGAAG AGTCGGCTGC TATGGTTATT CAGCAGCCCA CCCTGGAGGA GGCCAGCCAG	1637
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1828

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Sally
B-1